

# THE GREEN BUILDING SERVICE-LEARNING PROGRAM

## Purpose

The Green Building Service-Learning Program was designed to provide hands-on learning experience to OSU students enrolled in the Green Building and Sustainable Construction course for solving real-world problems. It also aimed to serve the sustainable development needs of local communities by offering research/outreach services, technical assistance, and hands-on field activities.

## Impact

Led by the instructor, students enrolled in the course have conducted numerous service learning projects under this program to help local communities with their energy retrofitting, new green home development, and onsite renewable energy projects. Each of these projects was specifically designed and executed to meet the green project requirements, community needs, and learning objectives of this course.

Besides directly contributing to the communities' sustainable development process and enhancing their project outcomes, the instructor, students and internal/external partners have actively disseminated the knowledge gained through integrated education, research, outreach and service learning activities to a broader audience.

### OHIO STATE COLLEGES/UNITS INVOLVED

DEPARTMENT OF FOOD, AGRICULTURAL  
AND BIOLOGICAL ENGINEERING  
DEPARTMENT OF HORTICULTURE AND  
CROP SCIENCE  
OFFICE OF CONTINUING EDUCATION  
COLLEGE OF FOOD, AGRICULTURAL AND  
ENVIRONMENTAL SCIENCES  
OFFICE OF STUDENT LIFE  
OSU EXTENSION  
COMMTECH

### COMMUNITY PARTNERS INVOLVED

COLUMBUS GREEN BUILDING FORUM  
UNIVERSAL DESIGN LIVING  
LABORATORY  
MIDDLE WEST SPIRITS DISTILLERY  
THE SUMMIT UNITED METHODIST  
CHURCH  
ADVANCED CIVIL DESIGN, INC.  
BERARDI + PARTNERS  
POD DESIGN  
GRANGE INSURANCE AUDUBON  
CENTER

### FINANCIAL SUPPORT

OSU OFFICE OF CONTINUING  
EDUCATION  
OHIO EPA ENVIRONMENTAL  
EDUCATION FUND



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